



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D4811-1
Job Sheet 201312



Part No: D4811-1

Job Qty: 20 pcs

Part Name: Pin, Quick Release



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/1/19

Job Tracking No:

Due Date: 10/30/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV A IPP REV:A 13.05.21 AS PER DWG REV.A VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	20 pcs	10/30/19	10/30/19	0.00	0.00	Purchasing - 1		ME OCT 09 2019
							Purchasing - 2		
							Purchasing - 3		
	2019-10-03 POHR044670					x20			
110	Packaging 2-1 - Receive - B4B	20 pcs	10/30/19	10/30/19	0.00	0.00	Packaging 2 - 1 - B4B		ME OCT 09 2019
							Packaging 2 - 2 - B4B		
							Packaging 2 - 3 - B4B		
							Packaging 2 - 5 - B4B		
							Packaging 2 - 4 - B4B		
							Packaging 2 - 6 - B4B		
							Packaging 2 - 7 - B4B		
							Packaging 2 - 8 - B4B		
							Packaging 2 - 9 - B4B		
							Packaging 2 - 10 - B4B		
							Packaging 2 - 11 - B4B		
							Packaging 2 - 12 - B4B		
							Packaging 2 - 13 - B4B		
							Packaging 2 - 14 - B4B		
							Packaging 2 - 15 - B4B		
							Packaging 2 - 16 - B4B		
							Packaging 2 - 17 - B4B		
							Packaging 2 - 18 - B4B		
							Packaging 2 - 19 - B4B		
							Packaging 2 - 20 -		



Container No: S221203



Part: D4811-1

Job No: 201312

Serial No/Batch: S221203

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 10/09/19

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

				B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
				Packaging 2 - 27 - B4B	
				Packaging 2 - 28 - B4B	
				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
120 QC 6	20 pcs	10/30/19	0.00 0.00	QC 6 - 9	
				QC 6 - 68	DAS
				QC 6 - 61	61
				QC 6 - 40	9-89
				QC 6 - 81	
130 Packaging 3-1 - Stock - B4B	20 pcs	10/30/19	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Plex 10/1/19 7:52 AM Dart.lajeunesse.marie	

10/1/2019

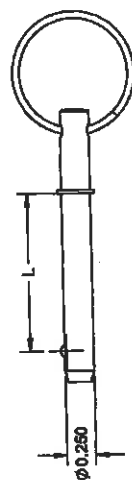
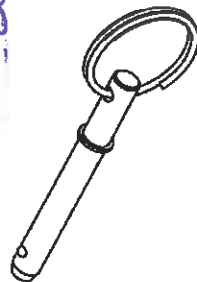
[Dart Hawkesbury] Job Sheet - Lajeunesse, Marie

				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	PC GA 132
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
140 QC 21 - SA	20 pcs	10/30/19	0.00 0.00	QC 21 - SA - 21	
				QC 21 - SA - 70	DAS
				QC 21 - SA - 53	21 OCT 10 2019
Part Op 100 - (Purchasing) Issue P/O: _____ Possible Supplier: McMaster Carr Supplier p/n: 98470A133 Descriptions: 110 - (Receive & Inspect for Damage & Mat'l Certs) Ensure Material Release Note is attached 120 - (QC6- All purchased or subcontracted products) 130 - (Identify as per dwg & Stock Location: _____) 140 - (QC21- Final Inspection - Work Order Release)					
Job BOM					
Part / Item	Component Name	Quantity	Operation	Container	
98470A133	Pin, Quick Release D4811-1	20 pcs (1 ea)	100-Purchasing	S-22 1195	
Job Allocations					
Operation	Component Part	Required	Inventory	Allocated	
100-Purchasing	98470A133	20	0	0	
Part Specifications					
Specifications could not be found.					

Plex 10/1/19 7:52 AM Dart.lajeunesse.marie

SPECIFICATION CONTROL DRAWING

201312 MJS
1910-01



DART PART NUMBER	DESCRIPTION	POSSIBLE VENDOR	VENDOR PART NUMBER	L	MATERIAL
D4811-1	QUICK RELEASE PIN	MCMASTER CARR	98470A133	1.347	18-8 SS

RELEASED
2013-05-16

A		NEW ISSUE		DESCRIPTION		DB		BY		DATE	
REV.		DESIGN		DART AEROSPACE LTD		HAWKESBURY, ONTARIO, CANADA		REV. A		SHEET 1 OF 1	
DRAWN		DB		DRAWING NO.		D4811		SCALE		NTS	
CHECKED		DB		TITLE		QUICK RELEASE PIN		DATE		13.04.01	
MFG. APPR.		MJS		APPROVED		MJS		DE APPR.			
DATE		13.04.01		CONFIRMATION BY DART AEROSPACE LTD		CONFIRMATION BY DART AEROSPACE LTD		CONFIRMATION BY DART AEROSPACE LTD		CONFIRMATION BY DART AEROSPACE LTD	

- NOTES:
- 1) MATERIAL: PER TABLE
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: PER QSI 044 METHOD 6.7
 - 7) WEIGHT: N/A



Entered: _____ Date: _____ **WORK ORDER NON-CONFORMANCE / ROUTE UPDATE**

Route update only

NCR No. _____

Job: _____

Part No. _____

DISPOSITION

Rework ☐
Scrap ☐
Use-as-is ☐

DEPARTMENT/PROCESS

Skid-tube ☐
Machining ☐
Large Fab ☐
Cross tube ☐
Small Fab ☐
Finishing ☐

Eng. (Non-AW) ☐
Prod. Eng. Coord. ☐
Rec/Store/Packaging ☐
Engineering ☐
Water Jet ☐
Supplier ☐
Quality ☐

MRB (QS1042)

Date: _____ Sequence #: _____

QTY Affected: _____

Disposition

Description Work Order Deviation

Completed By _____

Lead hand / Supervisor _____

QC / QA Coordinator _____

Root Cause

Operator ☐
Manufacturing Process ☐
Equip/Tooling ☐
Handling/Preservation ☐
Material ☐
Product Improvement ☐
Process Improvement ☐
Human Factors ☐

FAULT CATEGORY

Pressure/Forced ☐
Bending ☐
Crushing ☐
Cracks ☐
Crimp/Kink/Ripple/Wave/Twist ☐
Marks/Chatter ☐
Mislabeled ☐
Contamination ☐
Misaligned/off center ☐
BOM/Route ☐
Broken/Damage/Defect ☐
Incomplete/Unclear Instructions ☐
Drill Holes ☐
Fit/Function ☐

Power Loss/Surge ☐
Folio/Program ☐
Grain Direction ☐
Weld ☐
Wrong Stock Pulled ☐
Out of Sequence ☐
Off-set/Set-up ☐
Positioned Wrong ☐
Outside Tolerance ☐
Drawing ☐
Finish ☐
Part Lost/Missing ☐
Misread ☐

Other/Details: _____

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
POHB044670
Order Placed By
Kimberley Guerin

Page 1 of 1
10/03/2019

McMaster-Carr Number
3117734-03

Line	Product	Ordered	Shipped	
1	91773A833 Stainless Steel Decorative Round Head Phillips Screws, 10-32 Thread Size, 1" Long, Packs of 50	1 Pack	1	NE
2	91253A544 Black-Oxide Alloy Steel Hex Drive Flat Head Screw, 1/4"-20 Thread Size, 1-1/4" Long, Packs of 50	1 Pack	1	NE
3	6630T22 Black Polypropylene Ball Knob with M8 x 1.25mm Threaded Hole, 32mm Head Diameter	10 Each	10	NE
5	8644K12 Urethane Casting Compound, 80A Hardness, 10 lb. <i>exp. DATE = 12/31/2019</i>	Each		NE
7	90685A110 High-Strength Steel Hex Nut, Class 10, M12 x 1.75 mm Thread, Packs of 25	1 Pack	1	NE
8	90866A011 Zinc-Plated Steel Wing Nut, 10-24 Thread Size, 13/32" Base Diameter, Packs of 100	1 Pack	1	NE
9	91595A150 Dowel Pin, 52100 Alloy Steel, 4 mm Diameter, 8 mm Long, Packs of 50	1 Pack	1	NE
10	92141A011 18-8 Stainless Steel Washer for Number 10 Screw Size, 0.203" ID, 0.438" OD, Packs of 100	1 Pack	1	NE
11	93275A034 Setup Stud, M8 Thread Size, 110 mm Long, 31 mm Long Threads	2 Each	2	NE
12	97524A032 Sealing Blind Rivets, Domed Head, with Aluminum Mandrel, 1/8" Diameter, 0.425" Long, Packs of 100	1 Pack	1	NE
15	63215K34 Corrosion-Resistant Swivel Joint, Lubrication-Free, 3/8" ID, 13/16" OD	20 Each	20	NE
16	98470A133 Shoulder-Style Ring-Grip Quick-Release Pin, 18-8 Stainless Steel, 1/4" Diameter, 1-5/16" Usable Length	20 Each	20	NE

DAS
61
9-89

Certificate of compliance

This is to certify that the above items were supplied in accordance with the description and as illustrated in the catalog. Your order is subject only to our terms and conditions, available at www.mcmaster.com or from our Sales Department.

Sarah Weinberg
Sarah Weinberg
Compliance Manager



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB044670



Supplier: MCM001-VU
McMaster-Carr Supply Co,
P.O. Box 7690
Chicago, IL 60680-7690 USA
Phone: 330 995 5500
Fax: 330 995 9600

Attention: N/A,

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB044670

PO Date: 10/2/19

Due Date: 10/7/19

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground

Pynt Terms: 2% 10 Net 30

Freight Terms:

Special Comments:

E-MAILED
2019-10-03

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1		91773A833	50/pk	Phillips Round Head Screw, 10-32 UNF -2A X 1	Firmed X50		10/7/19	50 Ea	0 Ea	50 Ea	\$0.123/Ea	\$6.15
2		20NR-34	91253A544	Keeper Handle Screw	Firmed X50		10/7/19	50 Ea	0 Ea	50 Ea	\$0.1666/Ea	\$8.33
3		6630T220	1/pk	Black Polypropylene Ball Knob with M8X 1.25 Threaded Hole X 32 mm Head Dia.	Firmed X10		10/7/19	10 Ea	0 Ea	10 Ea	\$1.35/Ea	\$13.50
4		7767T61	6 ft	Low-Carbon Steel Round Tube, 0.188" Wall Thickness, 3/4" OD	Firmed X6		10/7/19	6 ft	0 ft	6 ft	\$6.16666/ft	\$37.00
5		8644K12	10 lbs	80A Liquid Urethane	Firmed X1		10/7/19	1 pcs	0 pcs	1 pcs	\$217.22/pcs	\$217.22
6		89955K998	3 ft length	Tube	Firmed X16		10/7/19	18 ft	0 ft	18 ft	\$14.8133/ft	\$266.64
		90272A247	100/pk	Zinc Plated Steel Pan Head Phillips Screw #10-24 X 1" Long	Firmed X100		10/7/19	100 Ea	0 Ea	100 Ea	\$0.0654/Ea	\$6.54



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB044670



Items												
Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
8		90272A261	10/pk	Pan Head Screw 10-24X4.0"-Zinc Plated	Firmed - X10		10/7/19	10 Ea	0 Ea	10 Ea	\$1.061/Ea	\$10.61
											OCT 0 9 2019	
9		90685A110	25/pk	Hex Nut M12 X 1.75mm	Firmed - X95		10/7/19	25 Ea	0 Ea	25 Ea	\$0.3808/Ea	\$9.52
											OCT 0 9 2019	
10		90866A011	100/pk	Wing Nut 10-24 Zinc Plated	Firmed - X100		10/7/19	100 Ea	0 Ea	100 Ea	\$0.0943/Ea	\$9.43
											OCT 0 9 2019	
11		91595A150	50/pk	Dowel Pin ØM4 x 8mm	Firmed - X50		10/7/19	50 Ea	0 Ea	50 Ea	\$0.1746/Ea	\$8.73
											OCT 0 9 2019	
12		92141A011	100/pk	18-8 Stainless Steel Washer #10 Screw Size, 0.203" ID, 0.438" OD	Firmed - X100		10/7/19	100 Ea	0 Ea	100 Ea	\$0.0233/Ea	\$2.33
											OCT 0 9 2019	
13		93275A034	1/pk	Rod	Firmed - X2		10/7/19	2 Ea	0 Ea	2 Ea	\$2.93/Ea	\$5.86
											OCT 0 9 2019	
14		97524A032	100/pk	Sealing Blind Rivet	Firmed - X100		10/7/19	100 Ea	0 Ea	100 Ea	\$0.0982/Ea	\$9.82
											OCT 0 9 2019	
15		MDELINR2.500W	8572k32 5ft len	Delrin Round Bar 2.500	Firmed - X574		10/7/19	5 ft	0 ft	5 ft	\$31.64/ft	\$158.20
											OCT 0 9 2019	
16		MT-01-R1.375	8893K103 3 ft	Tool Steel Round Bar 1.375 dia. : Material: AISI 01 TOOL STEEL ROUND BAR DIN 1.2510 or B.S. BO 1 or SAE J437 or SAE J438 or UNS T31501 or ASTM A681	Firmed - X374		10/7/19	3 ft	0 ft	3 ft	\$22.80666/ft	\$68.42
											OCT 0 9 2019	
17	199103	63215K34		Bearing (D2611)	Firmed - X20		10/7/19	20 Ea	0 Ea	20 Ea	\$18.58/Ea	\$371.60
											OCT 0 9 2019	
18	201312	98470A133		Pin, Quick Release D4811-1	Firmed - X20		10/7/19	20 pcs	0 pcs	20 pcs	\$3.23/pcs	\$64.60
											OCT 0 9 2019	
Grand Total:												\$1,274.50



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB044670



Order Notes

Procurement Quality Clauses

A005 RIGHT OF ENTRY

A016 PERSONNEL QUALIFICATION

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A032 DOCUMENT SPECIAL REQUIREMENTS

A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS

A040 NOTIFICATION OF QUALITY ESCAPE

A041 QUALITY MANAGEMENT SYSTEM

A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 10/2/19 4:14 PM Dart.Guerin.Kimberley